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Claim 1

An all electric motor car powered by two electric motors mounted on the drive shaft in tandem the electric energy to which is supplied by battery fuel cells and solar panels with basic electrical motor connections in sequence with two series motors connected one-to-the-other in series connections followed by a parallel connection of the two motors and then followed by an energized shunt field creating compound motors resulting in three speeds in sequential order.

Claim 2

An all electric motorized car described in claim 1 above but with two motors mounted in tandem on rear axel of the motor car.

Claim 3

An all electric motorized car described in claim 1 above but having only one (1) motor with a shunt field winding included in the series motor accordingly accomplishing the same results as claim one (1) above without the two series connections of the two motors one-to-the-other and hence a compound motor connection.

Claim 4

A battery and tank exchange system in which fully charged batteries and/or hydrogen tanks can be exchanged at designated stations en route for depleted ones of universal design and which are mutually interchangeable on line-of -road and the system being completely compatible with claims number 1,2 and 3.